| | | | _ | _ | | |
|----|----|---|----|---|-----|----|
| In | 40 | v | Ωf | | loi | ms |
| | | | | | | |



| App | lication | /Control | No. |
|-----|----------|----------|-----|
|-----|----------|----------|-----|

Asfand M. Sheikh

10/003,341

Art Unit

TREIBACH-HECK ET AL.

Applicant(s)/Patent under Reexamination

Examiner

3627

| √ | Rejected |
|-------|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | |

Restricted

Non-Elected N Interference

Appeal Α O Objected

| Claim Date | | | | | | | _ | | | | | |
|------------|----------------------------------|---------------|--------------|----------------|----------------|----------------|--|------------------|----------------|---------------|--|--|
| Ule | | Date | | | | | | | | | | |
| Final | Original | 7/8/07 | | | | | | | | | | |
| | 1 | 1 | | _ | _ | | | _ | | | | |
| | 2 | - | | | | _ | _ | | | | | |
| | 3 | V | | | | | | | | | | |
| | 1 2 3 4 5 | | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| | <u>6</u> | 1 | | | | | | | | | | |
| | 7 | <u> -</u> | | | | | _ | _ | _ | | | |
| | 8 | Ξ | | | | _ | <u> </u> | _ | | _ | | |
| | 9 | <u> </u> - | | _ | | | | | _ | | | |
| | 10 | <u> </u> | | | | | <u> </u> | _ | | | | |
| | 11 | <u> -</u> | _ | <u> </u> | | | — | _ | <u> </u> | | | |
| | 12 | <u> </u> | | | | | - | | | $\mid - \mid$ | | |
| | 11 12 13 14 15 16 | <u>-</u> | | | | | | | | - | | |
| | 15 | - | | | <u> </u> | — | <u> </u> - | - | <u> </u> | - | | |
| | 15 | <u> -</u> | | | <u> </u> | _ | | | | | | |
| | 17 | <u>-</u> | — | - | <u> </u> | — | ┝ | _ | - | | | |
| | 10 | <u> </u> | | - | | _ | - | | - | | | |
| | 17 18 19 | | | | | | | | - | | | |
| | 20 | | | | - | | | | | | | |
| | 21 | - | _ | | | | | - | - | - | | |
| | 22 | | | - | — | — | - | | - | - | | |
| | 23 | - | | | _ | _ | \vdash | _ | | | | |
| | 23 24 25 | _ | _ | | _ | - | _ | _ | | | | |
| | 25 | | \vdash | | _ | 一 | i – | Г | | | | |
| | 26 | _ | _ | | | | | | | | | |
| | 26 27 | 1 | | | | _ | \vdash | | | | | |
| | 28 | | | | | | | | | | | |
| | 29 | | | | | | | | | | | |
| | 29 30 31 32 33 | | | | | | | | | | | |
| | 31 | | <u> </u> | <u> </u> | _ | _ | <u> </u> | _ | <u> </u> | | | |
| | 32 | | | <u> </u> | _ | | <u> </u> | | | | | |
| | 33 | | | | | | | | | _ | | |
| | 34 35 | | <u> </u> | <u> </u> | _ | | _ | <u> </u> | <u> </u> | _ | | |
| | 35 | <u> </u> | <u> </u> | — | — | — | <u> </u> | <u> </u> | <u> </u> | | | |
| | 36 | <u> </u> | | <u> </u> — | — | — | <u> —</u> | <u> </u> | ├— | - | | |
| - | 37 38 | | - | — | <u> </u> | | | | | | | |
| | 39 | | | | — | ├ | — | | — | - | | |
| | | | ├— | — | | | \vdash | - | \vdash | | | |
| | 40 | | | | | | | | - | | | |
| | 42 | - | | - | — | | ┢ | - | — | | | |
| | 43 | | | _ | | | | | | | | |
| | 44 | _ | | | | | - | _ | - | | | |
| | 45 | | \vdash | \vdash | \vdash | | 1 | - | | | | |
| · | 46 | | | | | Ι | Ι | | Π | | | |
| | 47 | i_ | Γ | I | \vdash | | ऻ | 1 | \Box | | | |
| | 48 | _ | | | | | | | <u>.</u> | | | |
| | 49 | | | | Ī | | | | | | | |
| · | 50 | I | I | | | Γ | 1 | T | | | | |

| 9 | | | | [| Cla | im | <u> </u> | | | | Date | | | | |
|-----------|--------------|--|----------|-----|-------|----------------|----------------|--|--------------|--|---------------|----------------|--------------|--|--------------|
| | | | | | | | | | | | | | | | |
| | | | | - 1 | ā | Original | | | | | | | | | |
| | | | | | Final | rig | | | | | | | | | |
| | | | | | | 0 | | | | | | | | | |
| | - | | | ł | | 51 | \vdash | | - | | | | | | |
| - | | | | . } | | 51 | | | - | | | | | - | |
| | | | | | | 51 52 53 | <u> </u> | | <u> </u> | | | _ | ┝ | - | |
| | _ | <u> </u> | | ١. | | 53 | | - | | | | | | | |
| _ | | | <u> </u> | | | 54 | | | | | | | ļ | ļ | <u> </u> |
| | _ | _ | | | | 55 56 | _ | | _ | | _ | | <u> </u> | _ | |
| | | | | | | 56 | | | | | | | <u> </u> | | |
| | | | | | | 57 | | | L | | | | L | | |
| | | Г | | | | 58 | | " | | | | | | | |
| | | - | | | | 59 | | l | | | | | | | |
| | | _ | | | | 60 | _ | · | | | | | _ | | |
| _ | _ | _ | | Ì | | 61 | | l | | _ | _ | | _ | | |
| | _ | \vdash | | | | 61 62 | | | | | | | | | |
| | | | \vdash | | | 63 | | | — | - | \vdash | | ┢ | \vdash | — |
| | | | - | ╎ | | 64 | | | | | - | | | - | |
| _ | <u> — </u> | — | \vdash | | | 64 65 | | | | | - | | | | ├ |
| | | | | | | 65 | | | | | | | | | ļ |
| <u> </u> | _ | <u> </u> | | | | 66 67 | - | ļ | | ļ | | | | | L |
| | | | L. | | | 67 | <u> </u> | <u> </u> | L | ļ | | _ | <u> </u> | L_ | L |
| | | _ | <u> </u> | | | 68 | _ | <u> </u> | | <u>_</u> | | | | | L. |
| | | | | | | 69 | | | | | | | L | | |
| | | | | [| | 70 | | | | | | | | | |
| | | | | | | 71 | \Box | Π | | | | | Γ | | |
| _ | | | | ĺĺ | | 72 | | | | | | _ | | | |
| | _ | | | | | 72 73 | 1 | _ | _ | - | | | \vdash | _ | |
| | _ | | | | | 74 | | - | | _ | | _ | - | | _ |
| _ | \vdash | \vdash | H | | | 75 | ┢ | - | — | | _ | - | ┝ | | _ |
| | | | ╂─┤ | | | 76 | ╢ | | - | ┢ | | - | - | — | _ |
| - | | | \vdash | | | 77 | ├─ | - | | | _ | - | | - | |
| _ | _ | — | | | | 70 | ├— | — | _ | <u> </u> | — | - | | | |
| | _ | <u> </u> | - | | | 78 | ├— | <u> </u> | _ | | _ | | | <u> </u> | <u> </u> |
| | | <u> </u> | Щ | | | 79 | <u> </u> | <u> </u> | _ | <u> </u> | _ | _ | <u> </u> | _ | |
| | | | | | | 80 | ļ | ļ | | | | | | | |
| _ | | <u> </u> | Ш | | | 81 | <u> _</u> | <u> </u> | <u> </u> | | | | <u> </u> | <u> </u> | <u> </u> |
| | L | | | | | 82 | <u> </u> | | <u> </u> | <u> </u> | L | <u> </u> | L | L | |
| | L | <u> </u> | | | | 83 | <u> </u> | | | _ | | | _ | | |
| | | L | | | | 84 | L | | | L | · | | L | | |
| | | | | | | 85 | L | | _ | L | | | | | _ |
| | | Π | | | | 86 | I | | _ | I | _ | _ | | | |
| _ | | Г | | | | 87 | Π | _ | \vdash | | _ | - | | <u> </u> | \vdash |
| | _ | | П | | | 88 | | | _ | | $\overline{}$ | _ | I^- | I^- | |
| _ | _ | | | | | 89 | 1 | | | | _ | _ | 1 | | 1 |
| _ | \vdash | | | | | 90 | \vdash | | - | | - | - | - | | |
| | | - | | | | 91 | - | | | | | | | | |
| _ | | — | \vdash | | | 92 | | | | | | | | | |
| | | | | | ···· | 93 | — | | | | - | | | | |
| <u> —</u> | | — | H | | | 93 | — | | | | - | — | | | |
| <u> </u> | | | | | | 94 | | | | ļ | | - | | | ļ |
| | <u> </u> | <u> </u> — | | | | 95 | <u> </u> | <u> </u> | ├— | — | <u> </u> | <u> </u> | ! | <u> </u> | |
| Щ. | <u> </u> | <u> — </u> | | | | 96 | | <u> </u> | | | <u> </u> | <u> </u> | <u> </u> | — | ├— |
| | | <u> </u> | <u> </u> | | | 97 | <u> </u> | <u> </u> | Ι— | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> — </u> | <u> </u> |
| | L | <u> </u> | Щ. | | | 98 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>_</u> | <u> </u> | <u> </u> | I — |
| | L | _ | | | | 99 | _ | <u> </u> | | <u> </u> | | <u> </u> | L_ | <u> </u> | <u> </u> |
| | L_ | <u> </u> | | | | 100 | <u> </u> | L | <u> _</u> | | <u> </u> | l | L | <u></u> | l |
| | | | | | | | | | | | | | | | |

| Cla | aim | | | | | Date | Ə | | | |
|-------------|--------------------------|--------------|--------------|--------------|--------------|--------------|----------------|--|--|------------------------|
| | | | | | | | | | | П |
| ā | Original | | | | | | | | | |
| Final | rig | | | | | | | | | |
| | 1 | | | | | | | | | |
| | 101 102 | | - | | | | | | | |
| | 102 | | | | | | | | | |
| | 103 | | \Box | | _ | | | _ | | |
| | 104 105 | _ | | | | | | | | |
| | 105 | | | | - | | | _ | | |
| | 106 | | | | | | | | | |
| | 107 | | | | | | | | | |
| | 108 | | | | | | | | | |
| | 109 | | | | | <u> </u> | | | | |
| | 110 111 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 112 113 114 115 | | | | | 匚 | Ĺ | | | |
| | 115 | | | \Box | | | | | | |
| | 116 | | | | | \Box | | | | |
| | 117 | \Box | | | | | | | | |
| | 118 | | | | | | | | | |
| | 119 | | | | | | | | | |
| | 120 | | | | | | | | | |
| | 121 | | | | | | | | | |
| | 121 122 123 | | | _ | | _ | | | | |
| | 123 | | | | | _ | | | | |
| | 124 | _ | | | | | | | | |
| | 125 | | | <u> </u> | | | | | | |
| | 126 | | | | | | | | | |
| | 127 128 | | | | | <u> </u> | | _ | _ | _ |
| | 128 | | | <u> _</u> | | _ | | | _ | |
| | 129 | | | ļ | | | | | | |
| | 130 131 | | | | _ | _ | _ | _ | <u> </u> | |
| | 131 | _ | | <u> </u> | | | | | _ | |
| | 132 133 | _ | <u> </u> | <u> </u> | _ | _ | | | | |
| , | 133 | <u> </u> | <u> </u> | <u> </u> | | | | | | |
| | 134 | | | ļ | | | | | | |
| | 135 | <u> </u> | | | | | | | <u> </u> | \sqcup |
| | 136 | | | | | | <u> </u> | | | |
| | 137 | | | | | | | - | | |
| | 138 139 | <u> </u> | | | ļ | | | | | |
| <u> </u> | 140 | | | | | | | | ├ | - |
| | 141 | | | | | ├— | | | | |
| | 142 | | - | | | | | | | |
| | 143 | | | | | | | — | \vdash | $\vdash \vdash \vdash$ |
| | 144 | | | - | | | | ├ | | |
| | 144 | - | | \vdash | | ├— | — | — | ├ | \vdash |
| | 146 | \vdash | \vdash | \vdash | | | | | | |
| | 147 | ┢ | | - | ├ | | | | | |
| | 148 | | | | | | | | | $\left - \right $ |
| <u> </u> | 149 | ⊢ | | | | | | | | $\vdash \vdash$ |
| | 150 | | | | | | | — | ├ | $\vdash\vdash$ |
| L | 130 | l | L | L | L | L | Щ | ــــــــــــــــــــــــــــــــــــــ | L | Ll |